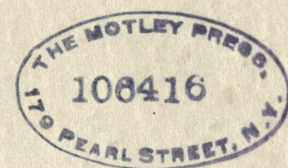


to

Book

Copy

8th, 1916.



Voy. 2
STEAMSHIP LOG BOOK.

S. S. Owago
From New York
To Rotterdam

PUBLISHED AND SOLD BY
BAKER, CARVER & MORRELL,
Wholesale Steamship Supplies,
39 & 41 WATER STREET
NEW YORK, U. S. A.

CREW of the “

”

THE NAMES OF ALL THE CREW TO BE INSERTED.

[illegible]

S. S. Owego at New York

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
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S. S. Cuveto at New York

[illegible]

S. 6 in.	Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
		From	To		From	To	1	2	3	4	5	6		
							inches	in.	in.	in.	in.	in.		
							4 TEMP. 3	3 2	3 3	5 4	P. S.			
TANK SOUNDINGS														
A. in							F. P.	1	2	3	4	5	6	A. P.
							in.	in.	in.	in.	in.	in.	in.	in.
Mast							H. G. Harfield							Master
Mate														Mate.

Voy?

S. S. Oswego at New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercu-rial.	
									Saturday 15 th July 1916 Ship loading for Rotterdam at Green Point Brooklyn 7 A.M. Stevedores loading 4 gauges Pumps and all Regulations carefully attended to.

Voy^r

S. S. Oswego at New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Anc-roid.	Mercur-ial.	
									Monday 17 th July 1916
			Ship lying at Eagle St Dock Brooklyn. Greenpoint loading for Rotterdam						
			Shedders loading 4 gangs from 7am to 6pm, Pumps and all regulations carefully attended to.						

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
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Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
						inches	in.	in.	in.	in.	in.	in.	
						4	2	3	5	P			
						TEMP.							
						3	4	3	6	S.			
TANK SOUNDINGS													
						F. P.	1	2	3	4	5	6	A. P.
						in.	in.	in.	in.	in.	in.	in.	in.
H. A. Hatfield													
Master													
Mate													

S. S. Oswego at New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Anero-	Mercur-	
							id.	ial.	
									Wednesday July 19-1916
									Ship lying at Eagle St Dock Green Point, Loaded and bunkering bound for Rotterdam 7.00 AM Finished bunkering, 508 Tons Coal Draft 11 ^{ft} 10 ⁱⁿ at 18 ^{ft} 6 ⁱⁿ A. Leaving port 10.10 P.M. Let go lines and proceeded down harbor Assisted by 2 tugs 1.25 P.M. Let go anchor off Liberty Island 1.35 P.M. Finished with engines 3.00 P.M. Steam lighter with 100 Tons of extra bunkers came alongside and commenced putting coal on deck. 7.30 P.M. Coal all aboard Captain and Pilot came aboard 7.50 P.M. Haul up and 8.10 P.M. Bunker up & proceeded to sea 10.40 P.M. Pilot away 10.55 Ambrose L.V. set ESE Night Light S.E. Breeze & small part cov.

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
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Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
						inches	in.	in.	in.	in.	in.		
	7	8	Warren	Sunset	Mingh	4	3	3	4	P			
	8	9	Lasoa			TEMP.							
	9	11	Reyes			4	3	3	5	S.			
	11	12	Swanboden										
						TANK SOUNDINGS							
						F. P.	1	2	3	4	5	6	A.
						in.	in.	in.	in.	in.	in.	in.	in.
						A. A. Hatfield						Mast	Mate

A. A. Hatfield

Master.
Mate.

L. S. Owego New York to Pottersdam Vol 2

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther	Barometer Anero- id.	Mer- curial:	REMARKS
1			ESE 4 E	S. E.	3.				Thursday 20 July 1916
2			"	"					0-4 strong breeze rising sea settling in foggy
3			"	"					
4	28		"	"		29	99	800	strong Ely breeze and foggy
5			ExS 3 S	"					heavy fly over ship.
6			"	"					
7			"	"					
8	28		"	Ely		29	98		rolling heavily
9			"	"					
10			"	"					noon strong breeze & lazy increasing sea dirty looking weather
11			"	"					
12	29		"	"		29	94		Crew working coal off deck into bunkers
1			"	"					
2			"	"					
3			"	"					
4	30		"	"	40	29	90	400	Wind and sea rising Rainy and dirty
5			"	"					
6			"	"					
7			"	"					
8	31		"	"				800	Ely gale heavy squalls & rain, terrible x sea
9			"	"		29	88		from E. S. ship rolling laboring & straining badly.
10			"	"					
11			"	"					
12	31		"	"		29	72		Shipping water fore and aft.
Just from Port Time " "					109 15 ^h 50 ^{min}				M. night similiar weather
							Dist. per Log	Deviation	17 W 8 N. Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
S 86° E	from Library 109		91° E	40° 20' N	40° 20' N	119 E	71° 51' N	

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Passa	m' right Dusck	Dusck m' right	inches	in.	in.	in.	in.	in.		
	1	3	Beige			TEMP.	3	4	4	P	S		
	3	4	Sawn Codn			3	4	3	5	S	S		
	4	5	Warren										
	P	M				TANK SOUNDINGS							
	7	8	Warren	Avg 5	7	F. P.	1	2	3	4	5	6	A. P.
	8	9	Sawn Codn			in.	in.	in.	in.	in.	in.	in.	in.
	9	11	Beige Larsen										
	11	12	Passa Larsen										
						H. H. Hatfield						Master.	
												Mate.	

July

S. S. Oswego N. Y. to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Atm.	Mer.	
1			E. S. E.	Sly	5°				Friday 21 st July 16
2			"	"					0-4 Strong, Sly gales with heavy rain, squalls & sky cov.
3			"	"					High and dangerous sea
4	31		"	"		68	29	70	Ship laboring & straining badly. Water fore & aft.
5			"	"					
6			"	"					
7			"	"					4-8 Similar weather
8	31		"	"		68	29	78	noon Similar weather
9			"	"					Crew putting coal off decks
10			"	"					
11			"	"					
noon	33		"	"			29	84	
1			"	"	2°	68			1.50 c/a S E X E 1/2 E
2			S E X E 1/2 E	"					
3			"	"					4.00 Wind and sea moderating a little sky clearing
4	33		"	"			29	90	Hazy haze
5			"	"		70			
6			"	"					
7			"	"					8.00 Similar weather
8	34		"	"		72	29	94	9.00 High weather moderating
9			"	"					
10			"	"					
11			"	"					
12	34		"	"		76	29	99	
Dist. from Port			295 Miles						
Time			15 27 min						
Dist. per Log			7.00	Deviation			14° W Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 83° E	186 m	24° N	186 E	40° 40' N	40° 44' N	243' E	67° 40' W	67° 49' W

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
						inches	in.	in.	in.	in.	in.
	0	1	Beizer	night	day	4	2	3	6	P	8
	1	3	Strombooden			TEMP.					
	3	4	Passa	day	night	3	2	3	6	A	4 m
	4	5	L. Larsen			TANK SOUNDINGS					
	P	11				F. P.	1	2	3	4	5
	7	8	Warren	Run	Time	in.	in.	in.	in.	in.	in.
	8	9	Passa	13 hr	37 m						
	9	11	Beizer								
	11	12	Strombooden	Aug 5	7.8						
						36 to 38 fath					
						Master Mate.					

S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Atm.	Mer.	
1			S E X E 1/2 E	Sly					Saturday 22 July 1916
2			"	"					0-4 Strong breeze & cloudy
3			"	"					Heavy sea running ship laboring and straining badly and shipping water fore and aft
4	34		"	"			30	✓	
5			"	"					
6			"	"					
7			E S E	S. N.					46 Wind moderating
8	34		"	"			30	10	heavy rain squalls
9			S E X E 1/2 E	"					
10			"	N. N. E.					800 Fresh S. W. Breeze fine & clear
11			"	"					very heavy sea running ship laboring heavily and shipping water fore and aft
noon	36		"	"			30	12	
1			"	"					Crew passing coal off decks
2			"	"					
3			"	"					
4	36		"	Sly			30	15	900 c/a S E X E 1/2 E
5			"	"					
6			"	"					noon Wind & sea moderating
7			"	"					fine clear weather
8	36		"	"			30	20	400 similar weather
9			"	"					4-8 do
10			"	"					1045 S E X E 1/2 E
11			"	S. N.					
12	36		S E X E 1/2 E	"			30	19	11 High Moderat. weather & sea fine clear weather
Dist. from Port			498 Miles						
Time			21 15 hr 29 min						
Dist. per Log				Deviation			Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
E	203	0	203 E	40° 38' N	40° 41' N	265' E	63° 18' W	63° 24' W

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
						inches	in.	in.	in.	in.	in.
	0	1	L. Larsen	night	day	3	3	2	4	P	8 m
	1	3	J. Larsen			TEMP.					
	3	4	J. Warren	day	night	3	3	3	5	S	8 m
	4	5	J. Strombooden			TANK SOUNDINGS					
	P	M.				F. P.	1	2	3	4	5
	7	8	J. Beizer	Run	Time	in.	in.	in.	in.	in.	in.
	8	9	Warren	23 hr	42 m						
	9	11	Larsen								
	11	12	L. Larsen	Aug 5	8.5						
						H. A. Hatfield					
						Master Mate.					

Voy^r

S. S. Quvego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Anero- id.	Mer- curial	REMARKS
1			SEXE 1/4 E	SW					Sunday 23 July 1916
2			"	"					0-4 Light breeze fine clear weather
3			"	"					Mod. sea
4	31		"	Slap		30	28		4-8 Light var. air fine & clear
5			"	"					Sea smooth
6			"	"					
7			"	"					
8	31		"	"		30	28		
9			"	S.W.					
10			"	S.E.					noon similar weather
11			"	"					
12	39		"	Var		30	32		315 C/a SEXE
1			"	"					600 Set in moderate sea breeze
2			"	"					
3			"	"					
4	39		SEXE	"		30	32		might Mod. S.E. breeze fine
5			"	"					clear weather sea smooth
6			"	"					
7			"	SE					
8	39		"	"		30	32		
9			"	"					
10			"	"					
11			"	"					about 25 miles current
12	39		"	"		30	32		
Dist from Port			718 Miles						
Time			30 14 48 min						
Dist. per Log					Deviation		Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
East	220	0	220 E	40° 39' N	40° 44' N	289 E	58° 24' W	58° 35' W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	Nawm Coon	SW light	inches in. in. in. in. in.
	1 3	Deigen	Sunrise	TEMP. 3 3 2 6 P
	3 4	Faline	Sunset	3 3 2 7 A
	4 5	Larsen	SW light	
	P M.			TANK SOUNDINGS
				F. P. 1 2 3 4 5 6 A. P.
				in. in. in. in. in. in. in.
	7 8	Larsen	Run Time	
	8 9	Rassan	23 hr 38 m	
	9 11	Nawm Coon		
	11 12	Deigen	Aug 9	
			H. H. Hatfield	
			Master.	
			Mate.	

S. S. Quvego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Anero- id.	Mer- curial	REMARKS
1			SEXE						Monday 24 July 1916
2			"						0-4 Light sea breeze fine & clear
3			"						Sea smooth
4	39		"			30	35		4-8 Mod. breeze & fine clear sea smooth
5			"						
6			"						noon Mod breeze fine weather
7			"						Sea smooth clear C/a SEXE 1/4 E
8	39		"			30	40		
9			"						Crew putting coal on decks
10			"						
11			"						
12	35		SEXE 1/4 E			30	42		0-4 Fresh Ely breeze fine & clear
1			"						Sea smooth
2			"						
3			"						
4	36		"			38	38		800 Mod. breeze part. cov.
5			"						Sea smooth
6			"						
7			"						might light S.E. breeze abdg & overcast
8	36		"			30	40		
9			"						
10			"						
11			"						About 20 miles Ely current
12	36		"			30	42		
Dist from Port			966 Miles						
Time			40 14 36 m						
Dist. per Log					Deviation		Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
585° E	248'	235	247 E	40° 17' N	40° 21' N	325 E	53° 00' W	53° 10' W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	J. Larsen		inches in. in. in. in. in.
	1 3	L. Larsen		TEMP. 3 4 10 5 P
	3 4	W. Larsen		3 4 9 6 5 8 am
	4 5	Nawm Coon		
	P M.			TANK SOUNDINGS
				F. P. 1 2 3 4 5 6 A. P.
				in. in. in. in. in. in. in.
	7 8	Nawm Coon	Run Time	
	8 9	W. Larsen	23 hr 38	
	9 11	J. Larsen		
	11 12	L. Larsen	Aug 5 10.4	
			H. H. Hatfield	
			Master.	
			Mate.	

S. S. Oswego New York to Patterson

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
58° E	734'	15' 3	23 4 E	40° 00' N	40° 05' N	30 4 E	47 50' W	48° 06' W

S. S. Fargo New York to Pittsboro

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 61½ E	229'	109' N	201 E	41° 59' N	41° 54' N	766 E	43° 20' N	43° 40' N

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.						
	From	To		From	To	1	2	3	4	5	6	
	0	1	T. Larsen	5 M. right Sunset	Dunwise M. right	inches 2	in. 2	in. 1	in. 4	in. P	in. S	
	1	3	L. Larsen			TEMP. 3	2	2	6	S	Sam	
	3	4	J. Warren			TANK SOUNDINGS						
	4	5	Beij's			F. P.	1	2	3	4	5	6
	P	M				in.	in.	in.	in.	in.	in.	in.
	7	8	Lawnboden									
	8	9	J. Warren									
	9	11	J. Carson	Aug 5	9 6	H. H. Hatfield						
	11	12	L. Larsen									
						Master Mate.						

S. S. Ovego New York to Pettus and

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
765° E	718'	92' N	197'	43° 35' N	43° 26' N	269' E	38° 50' W	39° 11' W

S. S. Querego New York to Rotterdam

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 61° E	709	102 N	183 N	45° 02 N	45° 08 N	704 N	31° 40' W	31° 57 N
HOLD SOUNDINGS AND TEMPERATURES.								

Voy⁷

S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Ane-roid. Mer-cu-rial.	REMARKS
1			584°E	S.W.				Saturday 29 July 1916
2			"	"				400 Mod. S.W. breeze & sea
3			"	"				fine clear weather
4	33		"	"			30 22	800 Similar weather
5			"	"				noon Light S.W. breeze and sea
6			"	"				fine clear weather
7			"	"				Cp. Ex S.
8	33		"	"			30 36	Crew cleaning & painting decks etc.
9			"	"				
10			"	"				
11	31		"	"			30 40	
1			EX S	"				400 Similar weather
2			"	"				
3			"	"				
4	33		"	"			30 41	
5			"	"				on night Light breeze & moderate sea
6			"	"				part cloudy fine weather
7			"	"				
8	32		"	"			30 42	
9			"	"				
10			"	"				
11			"	"				
12	32		"	"			30 43	
Distance from Port 2080 miles								Current about 18 miles Ely.
Time " 98 12 ^{hr} 57 min								
Dist. per Log				Deviation		Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 66° E	224	89' N	205° E	46° 35' N.	46° 37' N	295° E	29° 45' W	30° 02' W.

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	Lawnboat	midnight	inches in. in. in. in. in.
	1 3	Beige	Sunrise	TEMP. 2 4 2 4 4 4
	3 4	Fanning	Sunset	
	4 5	L. Larsen	midnight	
	P. M.			
	7 8	J. Larsen	Aug 5	TANK SOUNDINGS
	8 9	Lawnboat	Run	F. P. 1 2 3 4 5 6 A. P.
	9 11	Passa	23-46	in. in. in. in. in. in. in.
	11 12	Beige		
				H. H. Hatfield
				Master.
				Mate.

S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Ane-roid. Mer-cu-rial.	REMARKS
1			EX S	SW				Sunday 30 July 1916
2			"	"				400 Light S.W. breeze & sea fine
3			"	"				lazy sky etc.
4	37		"	"			30 38	500 Set in misty and foggy
5			"	"				
6			"	"				noon weather clearing up
7			"	"				
8	39		"	"			30 40	
9			"	"				
10			"	"				400 Mod S.W. breeze sea fine & cloudy
11			"	"				
12	36		"	"			30 40	
1			EX S 3/4 S	"				800 Mod. breeze sea fine & covered.
2			"	"				lazy haze
3			"	"				
4	37		"	"			30 36	
5			"	"				on night Light breeze & passing showers
6			"	"				cloudy and lazy
7			"	"				
8	40		"	"			30 36	
9			"	"				
10			"	"				
11			"	"				
12	38		"	"			30 32	
Distance from Port 2299 miles								Current about 10 miles Ely
Time " 108 12 ^{hr} 38 min								
Dist. per Log 209 5° W				Deviation		25° W Variation		

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	C. Larsen	midnight	inches in. in. in. in. in.
	1 3	L. Larsen	Sunrise	TEMP. 4 3 2 4 5
	3 4	J. Larsen	midnight	
	4 5	Beige		
	P. M.			
	7 8	Passa	Run	TANK SOUNDINGS
	8 9	Warren	23-41	F. P. 1 2 3 4 5 6 A. P.
	9 11	J. Larsen	Aug 5	in. in. in. in. in. in. in.
	11 12	L. Larsen	9.2	
				H. H. Hatfield
				Master.
				Mate.

Voy?

S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Anero- id.	Mercur- ial.	REMARKS
1			EX 5 3/4 S	S.W.					Monday 30 July 1916
2			"	"					0-4 Light S.W. breeze sea showing
3			"	"					and cloudy fine
4	36		"	"			30 28		800 Light S.W. breeze sea fine & cloudy
5			"	"					
6			"	"					noon similar weather
7			"	"			30 27		
8	40		"	"					Crew cleaning & painting
9			"	"					
10			"	"					
11			"	"					
Noon	31		"	"			30 28		400 Similar weather
1			"	"					
2			"	"					800 Similar weather
3			"	"					
4	41		"	"			30 25		night Similar weather
5			"	"					
6			"	"					
7			"	"					
8	39		"	"					
9			"	"					
10			"	"					
11			"	"					
12	38		"	"			30 21		
Distance from Port 2523									
Time " " 11 12 15 m									
Dist. per Log 223									Deviation 7 N 23° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 78° E	224'	45' N	219' E	48° 40' N	48° 40' N	327' E	191° 9' W	19° 36' W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	Jannie Beijer	night sunset	inches in. 3 2 5 0
	1 3	Larsen	sunrise	TEMP. 4 3 3 4 5
	3 4	L. Larsen		
	4 5			
	P M			
	7 8	T. Larsen	Aug 5 9 8	
	8 9	L. Passar		
	9 11	Larsen		
	11 12	Beijer		
		Run Time 23 37 m		
		W. W. Hatfield		
		Master.		
		Mate.		

S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Anero- id.	Mercur- ial.	REMARKS
1			EX 5 3/4 S	SW					Thursday August 1 1916
2			"	"					0-4 Light S.W. breeze Mod. S.W. swell
3			"	"					part cloudy fine clear weather
4	40		"	"			30 18		thru out the day
5			"	"					600 Swing ship for deviation
6			"	"					800 Similar weather
7			"	"			30 21		noon similar weather
8	39		"	"					
9			"	"					of a 564° E
10			"	"					
11			"	"			30 24		400 of
Noon	35		"	"					of a 568° E
1			564° E	"					Similar weather
2			"	"					
3			"	"					800 Similar weather
4	40		"	"			30 24		
5			568° E	"					
6			"	"					
7			"	"			30 26		night Similar weather
8	41		"	"					Lazy bay
9			"	"					
10			"	"					
11			"	"			30 27		
12	40		"	"					
Distance from Port 2760 M									
Time " " 12 11 51									
Dist. per Log									Deviation Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
N 79° E	237	46' N	232' E	49° 35' N	49° 36' N	324' E	13° 25' W	13° 42' W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	J. Larsen	night sunrise	inches in. 3 5 1
	1 3	L. Larsen	sunrise	TEMP. 4 3 3 4 5
	3 4	W. W. Hatfield		
	4 5	J. Beijer		
	P M			
	7 8			
	8 9			
	9 11			
	11 12			
		Run Time 23 36		
		Aug 5 10		
		W. W. Hatfield		
		Master.		
		Mate.		

S. S. Oswego New York to Rotterdam,

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercuri-al.	
Wednesday 2 Aug 1916									
1			S 68° E	SW					4.00 Light breeze smooth part cloudy
2			"						
3			"						8.00 Similar weather
4	41		"			30	24		
5			"	Sly				8.30	Stop Eng. purposes
6			"	"				8.35	Full speed ahead
7			"	"					
8	40		"	"		30	26	noon	Lt. Var. air fine and clear
9			"	"					sea smooth
10			"	"					Crew cleaning & painting
11			"	Var					c/a S 87° E
noon	37					30	36		
1			S 85° E	N. E.				0-30	c/a E ½ S.
2			"	"				4.00	Lt Nly breeze fine & clear
3			S 87° E	"				4.30	c/a ESE
4	40		"	"		30	36	4.55	Made Bishop's Rk (N True) 7 Miles
5			ESE	"					
6			"	"					
7			"	"				8.00	mod. light & lazy
8	40		"	"		30	34		
9			"	"				10.30	Lizards N. N. E 11 Miles
10			"	"					
11			ESE ½ S	"					midnight mod. breeze & lazy
12	39		"	"		3	31		
Distance from Port					3001 Miles				
Diurnal "					13° 11' 27"				
Dist. per Log									ESE Error Deviation 23° N
									Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
219° E.	241	411	360 E	49° 25' N	49° 30' N	7° 32' N	7° 28' N	7° 32' N

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
	0	1	J. Passa	night	sun	inches	in.	in.	in.	in.	in.
	1	3	J. Beier	sun	night	TEMP.					
	3	4	J. W. B. B. B.								
	4	5	L. P. B. B.								
	P.	M.		Run	Time						
	7	8	T. Larsen	23 hr	36 m						
	8	9	L. Passa								
	9	11	J. W. B. B.	avg 5	10.2						
	11	12	Kreier								

S. S. Overo Newyork to Rotterdam,

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther	Barometer		REMARKS
							Ang-roid.	Mercur.	
									Thursday Aug 3 1916
1			Ex 5 1/2 S	NE					300 Loam of Plymouth abram
2			"	"					
3			"	"					
4	41		"	"			30	36	400 Light breeze fine and lazy
5			"	"					500 Mod. N.E. breeze & lazy fine
6			"	"					1000 C/A E
7			"	"					noon Lt. Var. breeze fine & clear
8	39		"	"			30	37	crew cleaning ship
9			"	"			Lat. 50° 10' N		German submarine fired 10 or 12
10			"	"			Long 1. 48 W	0.40	shots. Close to ship, stopped and
11			East	"					waited orders.
12	35		"	"			30	39	1.30 Fired again. Leeward boat. First
1			"	"					officer took ship's papers over.
2			"	"					After exam. by German Officers
3			"	Nly					boat returned to ship.
4	45		"	"			30	31	Boat hoisted proceeded at full speed.
5			"	"					2.10
6			"	NW					800 Light N.W. air fine & lazy
7			"	"					9.55 Slowed down
8	41		"	"			30	32	
9			"	"					midnight Mod. Nly breeze, lazy
10			"	"					Ship still proceeding slow
11			"	"					
12	29		"	"			30	35	
Dist. per Log 2° W Deviation 17° W Variation									

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
S. 81° E	240'	37	233	50° 10' N	50° 07' N	362	148' W	158' W
HOLD SOUNDINGS AND TEMPERATURES.								

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.									
	From	To		From	To	1	2	3	4	5	6		
	0	1	Warren	Minght	Diverse	inches	in.	in.	in.	in.	in.		
	1	3	Larsen	Sunset	Minght	TEMP.							
	3	4	Larsen			3	2	3	5	8			
	4	5	Passa			TANK SOUNDINGS							
	P	M		Run	Time	F. P.	1	2	3	4	5	6	A. P.
	7	8	Passa	73 hr	36 m	in.	in.	in.	in.	in.	in.	in.	in.
	8	9	Warren										
	9	11	J Larsen	Aug 5	10 16	26.26 Hatfield							
	11	12	L Larsen										

Voy^r S. S. Oswego New York to Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Ance-roid. Mercu-rial.	REMARKS
1			E	Nly				Friday Aug 4 1916
2			Var	"				1450 Full speed
3			"	"				5.00 Stopped by Brit. Patrol ordered to anchor
4	18		"	N.E			30 35	5.20 Anchored off Amgenes S 50 W (Mag)
5			"	"				Mod. Nly breeze and hazy
6			"	"				1130 Brit. Patrol orders to weigh 1215 PM
7			"	"				1210 Avoe away 1215 Anchor up
8			"	"			30 35	1220 Slow ahead 1223 Full speed ahead
9			"	"				2.10 Passed S. Feraland
10			"	"				2.30 Brit. Patrol ordered come round
11			"	"				Stopped and worked round Head to Sward
12			Var	"			30 34	3.05 British Officers boarded took some of ship's papers for Examination
1			"	"				and to anchor while waiting.
2			"	"				3.40 Anchored 7 f Head Pier NW x N 1/2 N.
3			Var	"			20 32	(Wreck Lt V NE x E 3/4 E (Mag))
4			"	N.N.E				
5			"	"				
6			"	"				Sea watches kept thro. out.
7			"	"				
8			"	"				Fresh N N E Breeze, covered & overcast
9			"	"				
10			"	"				
11			"	"				all regulations, signals etc carefully attended to.
12			"	"				

Dist. from New York 3378 Miles
Time 158 02 43 m

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
Var	137	47 N	129 E	50 57 N	50 57 N	168 E	101 E	101 E

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	Passa		inches in. in. in. in. in.
	1 3	Byer	m night	3 2 2 6 2
	3 4	L. Larsen	Sunrise	TEMP. 2 2 2 4 5
	4 5			
	P M			
	7 8	J. Larsen	Run	
	8 9	Passa	Quar	
	9 11	Larsen	15 hr	
	11 12	Byer	49 m	
			Aug 5	
			8.5	
			A. H. Hatfield	

Master.
Mate.

S. S. Oswego Anchored in New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer Ance-roid. Mercu-rial.	REMARKS
1								Saturday Aug 5-16
2								Ship lying in the New York waiting for
3								orders for release from the British Admiralty
4								Strong N.E breeze & cloudy sky thro. out
5								10 am British Alien officers inspected all the crew
6								Crew painting ship outside
7								all regulations, lights signals & Pumps carefully
8								attended to.
9								Sea watches kept thro. out
10								
11								
12								

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	9 21			inches in. in. in. in. in.
	0 1	J. Larsen		3 2 4 7 2
	1 3	L. Larsen	m night	TEMP. 2 2 4 4 1
	3 4	Warren	Sunrise	
	4 5	J. Beije		
	P M			
	7 8	J. Beije		
	8 9	J. Larsen		
	9 11	L. Larsen		
	11 12	Warren		

Master.
Mate.
A. H. Hatfield

July 7

S. S. Cargo anchored in Downs

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer An- roid.	Mer- curial.	REMARKS
									Sunday Aug 6-16
									Ship lying at anchor in Downs waiting permission of British Admiralty to proceed.
									Light N.E. & Ely breeze fine & clear
									Crew painting ship outside
									Pumps signals lights & all regulations carefully attended to
									Sea watches kept thro out

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	Beige	From To	inches in. in. in. in. in.
	1 3	Lawson	From To	TEMP. 3 2 2 7 10
	3 4	Passa	From To	2 2 2 3 1
	4 5	J. Larsen	From To	
	5 6	J. Larsen	From To	
	7 8	Lawson	From To	
	8 9	Passa	From To	
	9 11	Beige	From To	
	11 12		From To	

A. H. Hatfield

Master.
Mate.

S. S. Cargo anchored in Downs

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer An- roid.	Mer- curial.	REMARKS
									Monday Aug 7-16
									Ship lying at anchor in Downs waiting on British Admiralty permission to resume voyage
									Fresh N.E. breeze covered and cloudy
									Crew painting ship outside
									Pumps signals lights and all regulations carefully attended to.
									Officers watch kept thro out

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	1 2 3 4 5 6
	0 1	L. Larsen	From To	inches in. in. in. in. in.
	1 3	Warren	From To	TEMP. 2 3 2 2 10
	3 4	J. Larsen	From To	
	4 5	J. Beige	From To	
	5 6	J. Beige	From To	
	6 7	L. Larsen	From To	
	7 8		From To	
	8 9		From To	
	9 11		From To	
	11 12		From To	

A. H. Hatfield

Master.
Mate.

S. L. Awago Anchored in Downs

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS	
							Ane-roid.	Mercu-rial.		
									<p>Tuesday Aug 8-16</p> <p>Ship waiting permission from British Admiralty to proceed Lt. Fine Nly weather Crew painting & various Pumps signals lights & all regulations carefully attended to. Officer on watch day & night</p>	
						Dist. per Log		Deviation		Variation
Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.		
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From To	1	2	3	4	5	6
					inches	in.	in.	in.	in.	in.
				In night Sunrise	2	2	1	7	P	
				Sunset Night	TEMP.	3	3	4	4	L.
					TANK SOUNDINGS					
	F. P.	1	2	3	4	5	6	A. P.		
	in.	in.	in.	in.	in.	in.	in.	in.		
									A. A. Hasfield	
									Master Mate.	

St Orego anchored in Towns

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther	Barometer Ane- roid. Mercu- rial.		REMARKS Wednesday Aug 9-16																				
									Ship waiting permission Brit. Admiralty - to proceed light fine My weather Crew fanning & various Pumps signals lights & all regulations. Carefully attended to Officer on watch day & night																				
									Dist. per Log			Deviation			Variation														
Course			Dist.		Dif. Lat.		Dep.		Lat. by Acct.		Lat. by Ob.		Dif. Lon.		Lon. by Acct.		Lon. by Ob.												
Steered by Hand or Steam			ON THE LOOK-OUT				NAMES			SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.																	
			From		To					From		To		1		2		3		4		5		6					
										In night		Sunrise		inches		in.		in.		in.		in.		in.					
										Sunrise		In night		TEMP.		3		4		3		8		P					
														4		2		3		4		D.							
														TANK SOUNDINGS															
														F. P.		1		2		3		4		5		6		A. P.	
														in.		in.		in.		in.		in.		in.		in.		in.	
																												Master.	
																												Mate.	

Voy^r

S. S. Oswego anchored in Newns

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Anc-roid.	Mercu-rial.	
									Thursday Aug 12-16
			Ship detained by British Admiralty						
			Light var. airs fine & hazy						
			Crew cleaning and painting						
			Pumps lights & all regulations carefully attended to.						
			Officer on watch day & night						

SS Weygo anchored in Acorns

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercu-rial.	
									Saturday Aug 12-16
									Ship detained by British Admiralty
									Mod. Sly breeze fine & foggy
									Crew cleaning & painting
									Pumps lights & all regulations carefully attended to.
									Officer on watch day & night
4.00 PM									Permission to proceed & orders from British Admiralty
4.30 PM									Put aboard by patrol Boat
4.50 PM									Trinity Pilot aboard in charge
5.35									Anchor up & proceeded skew 500 Full speed
8.00									Full light ship 758 Tongue Lt. Vessel
8.12									Skewed down off Edinboro Lt. Ship
									Anchored 9 f water — do — P.A. 45 f to water
									Sea watch kept thro out the night all regulations, lights pumps carefully attended to.
									Light to Mod. Sly breeze & lazy

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.						
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.								
	From	To		From	To	1	2	3	4	5	6			
						inches	in.	in.	in.	in.	in.			
						TEMP.								
			<i>Night</i>	<i>Sunrise</i>	<i>4</i>	<i>4</i>	<i>5</i>	<i>8</i>	<i>P</i>					
			<i>Sunset</i>	<i>Night</i>	<i>5</i>	<i>7</i>	<i>7</i>	<i>6</i>	<i>P</i>					
						TANK SOUNDINGS								
						F. P.	1	2	3	4	5	6	A. P.	
						in.	in.	in.	in.	in.	in.	in.	in.	
						<i>H. A. Catfield</i>								Master.
														Mate.

St George News to Rethersam

K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
						Aneroïd.	Mercurial.	
								Sunday Aug 13-16
								Ship anchored off Eimboroa light ship
								Md. Wly Breeze & Cloudy fine weather
								7:25 AM Hoisted up and proceeded
								Trinity Pilot in charge
								10:15 Sailed Trinity Pilot at sunk Rd N sea pilot in charge
								11:25 Ship wash LtV 11 ⁴⁷ set C/E X S $\frac{1}{4}$ S
								3:20 PM N Hindon LtV S X N $\frac{1}{2}$ N 6 miles C/E S E X E $\frac{1}{2}$ E
								Fresh S. S. W. Breeze & Lazy hazy
								4:37 C/E S E X E $\frac{1}{4}$ E 6.17 C/E S E X E 7.20 C/E S X W.
								8:30 Picked up Rotterdam pilot & proceeded
								9:10 Passed Hook Holland
								10:15 Passed Mass. Shuce 11:40 Back Pilot Boarded
								11:55 Docked
								midnight Ship safely moored 2: Katendrick & Haanen
								Draft 16 ft 9 in A 11 ft 05 in F
								Distance N.Y. to Rotterdam 3546
								Time " " 11 ⁵⁵ 2 ¹⁰ 2 ³⁰ m

Course Var	Dist. 126	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.				
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.						
	From	To	Jan 95	From	To	1	2	3	4	5	6	
	Exhibit to Rottsom August 1916 Dr. Kantonreder Wm Meyman			Might Sunrise		inches	in.	in.	in.	in.	in.	
				Sunset Night		TEMP.						
					TANK SOUNDINGS							
					F. P.	1	2	3	4	5	6	A. P.
					in.	in.	in.	in.	in.	in.	in.	in.
					A H Hatfield							Master
												Mate.

401

S. S. Oswego in Rotterdam

H. R. K. F. COURSES WINDS Lee-way Ther. Barometer
Anero- Mercu-
Monday Aug 14-16

Ship lying at Katendrieken Haven II
Shedders commenced discharge 10am worked up to 7 PM
Crew cleaning up gear painting ship outside & various
Sly Gale & heavy rain she came thro out the day
Pumps and all regulations carefully attended to
Shore night watchman

Dist. per Log Deviation Variation
Course Dist. Dif. Lat. Dep. Lat. by Acct. Lat. by Ob. Dif. Lon. Lon. by Acct. Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
						inches	in.	in.	in.	in.		in.	
						TEMP.							
						3	3	4	6	P			
						3	4	4	5	A.			
						TANK SOUNDINGS							
						F. P.	1	2	3	4	5	6	A.
						in.	in.	in.	in.	in.	in.	in.	in.

H. H. Hatfield

Master
Mate

S. S. Oswego in Rotterdam

H. R. K. F. COURSES WINDS Lee-way Ther. Barometer
Anero- Mercu-
Tuesday Aug 15-16

Ship lying at Katendrieken Haven II
6 am Shedders continuing discharge up to 6 PM
Strong Sly Breeze and showery. Crew painting ship
All pumps and regulations attended
3rd Mate Simpson ashore without leave, absent from
duty all day & night.
Shore night watchman

Dist. per Log Deviation Variation
Course Dist. Dif. Lat. Dep. Lat. by Acct. Lat. by Ob. Dif. Lon. Lon. by Acct. Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
						inches	in.	in.	in.	in.	in.		
						TEMP.							
						2	3	3	7	P			
						3	4	3	✓	A.			
						TANK SOUNDINGS							
						F. P.	1	2	3	4	5	6	A. P.
						in.	in.	in.	in.	in.	in.	in.	in.

H. H. Hatfield

Master
Mate

S S Avego in Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS		
							Ane-roid.	Mercu-rial.			
									Wednesday Aug 16 - 16		
									Ship lying Katndricken Tauen II 7am Thereafter continued discharging 330 Cargo all out 9pm Commenced bunkering Mr. Thompson 3 ^d Mate absent from ship without leave whole twenty four hours Continued bunkering thro-out night Pumps & all regulations carefully attended		
									Dist. per Log	Deviation	Variation
Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Obs.			
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.						
	From	To		From To	1	2	3	4	5	6	
					inches	in.	in.	in.	in.	in.	
					TEMP.						
					TANK SOUNDINGS						
					F. P.	1	2	3	4	5	6
					in.	in.	in.	in.	in.	in.	in.
X H X asfield											

S. S. Avego at Rotterdam

Vays

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS							
							Ane-roid.	Mercu-rial.								
			Ship lying Katmandicken Lanes II								Thursday Aug 17 - 16					
			Noon Finished Bunkering													
			500 PM Commenced taking in sand Ballast													
			400 PM Finished Ballasting (700 Tons)													
			Ship ready for Sea													
			Draft 10 ^{ft} F. 17 ^{ft} A.													
			American Vice Counsel took signatures of Officers and crew to statement of firing on ship by German submarine													
			Mr. Stimpson absent without leave													
			Dist. per Log		Deviation		Variation									
Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.								
Steered by Hand or Steam			ON THE LOOK-OUT		NAMES		SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
			From	To			From	To	1	2	3	4	5	6		
									inches	in.	in.	in.	in.	in.		
									TEMP.							
									TANK SOUNDINGS							
									F. P.	1	2	3	4	5	6	A. P.
									in.	in.	in.	in.	in.	in.	in.	
									No. No. Hatfield							
									Master.							
									Mate.							

Log

July 2

S. S. Oswego at Rotterdam

H. R.

400

430

450

530

80

81

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS							
							Anc-roid.	Mercu-rial.								
									Friday Aug 18-16							
									Ship lying at Katendrieken Kaan II Crew cleaning up holds & various Pumps & all regulations carefully attended to.							
			Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.		Lat. by Ob.		Dif. Lon.		Lon. by Acct.		Lon. by Ob.	
			ON THE LOOK-OUT		NAMES		SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
			From	To			From	To	1	2	3	4	5	6		
									inches	in.	in.	in.	in.	in.		
									2	3	3	4	P			
									TEMP.							
									2	2	2	2	D.			
			TANK SOUNDINGS													
			F. P.	1	2	3	4	5	6	A. P.						
			in.	in.	in.	in.	in.	in.	in.	in.						
			H. H. Warfield Master													
			Mate													

S. S. Oswego at Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS							
							Anc-roid.	Mercu-rial.								
									Saturday Aug 19-16							
									Ship lying at Katendrieken Kaan II Crew cleaning holds Light var air & heavy rain Pumps and all regulations carefully attended to.							
			Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.		Lat. by Ob.		Dif. Lon.		Lon. by Acct.		Lon. by Ob.	
			ON THE LOOK-OUT		NAMES		SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
			From	To			From	To	1	2	3	4	5	6		
									inches	in.	in.	in.	in.	in.		
									2	2	3	4	P			
									TEMP.							
									2	2	2	2	A.			
			TANK SOUNDINGS													
			F. P.	1	2	3	4	5	6	A. P.						
			in.	in.	in.	in.	in.	in.	in.	in.						
			H. H. Warfield Master													
			Mate													

Say 2

Say 2

S. S. Avego at Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercu-rial.	
									Sunday Aug 20 - 16
									Ship lying at Katendricken, Kanan II
									Strong N. W. Gale & Showery
									Pumps and all regulations carefully attended to

400

420

440

530

8.0

81

Course	Dist.	Dif. Lat.	Dep.	Dist. per Log		Deviation		Variation
				Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
						inches	in.	in.	in.	in.	in.
						3	2	3	5	P	
						TEMP.					
						4	2	4	3	P	
						TANK SOUNDINGS					
						F. P.	1	2	3	4	5
						in.	in.	in.	in.	in.	in.

A. A. Hatfield

Master.
Mate.

S. S. Avego at Rotterdam

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercu-rial.	
									Monday Aug 21 - 16
									Ship lying at Katendricken Kanan II
									N. W. Gale & Cloudy
									Crew painting down holds and various
									Pumps & all regulations carefully attended to.

Course	Dist.	Dif. Lat.	Dep.	Dist. per Log		Deviation		Variation
				Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
						inches	in.	in.	in.	in.	in.
						3	3	2	6	P	
						TEMP.					
						4	3	2	4	P	
						TANK SOUNDINGS					
						F. P.	1	2	3	4	5
						in.	in.	in.	in.	in.	in.

A. A. Hatfield

Master.
Mate.

Vay ^r	Vay ^r
H. R.	K

400
450
45
5.3
8.0
81

Steered by Hand
or Steam

S. S. Oswego Letterham to New York

Noon

Steered by Hand
or Steam

Steered by Hand
or Steam

Master.

Mate.

May² S. A. Owego Rotterdam to New York

[illegible]

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.	Dist. per Log	Deviation	Variation
Var	207	31' S	705 N	49° 44' N	49° 44' N		8° 05' W	8° 05' W	189	2° E	18°

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Passa			inches	in.	in.	in.	in.	in.		
	1	3	Dawn Coast	night	sunrise	4	4	4	6	10			
	3	4	Beij			TEMP.							
	4	5	J Larsen	Sunset	night	3	2	4	5	8			
	10	11				TANK SOUNDINGS							
	7	8	Warren	Rain	Line	F. P.	1	2	3	4	5	6	A. P.
	8	9	Passa	24 hr	20 m	in.	in.	in.	in.	in.	in.	in.	in.
	9	11	Beij										
	11	12	Dawn Coast	Aug 5	8.5	H. J. Hatfield							
													Master.
													Mate.

LV Oswego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Aneroid.	Mercurial.	
1	30		N x N	1000					Thursday Aug 24-16
2			"	"					240 to 255 Running slow Engine purposes
3			"	"					400 Strong Wly breeze & heavy lead sea
4	31		"	"		29	42		sky clear
5			"	"					800 weather similar high confused sea
6			"	"					
7			"	"					
8	33		"	"		29	42		noon similar weather with heavy rain squalls
9			"	"					
10			"	"					
11			"	"					400 Wind and sea rising
noon	37		"	"		29	39		
1			N x N 1/2 N	"					crews working coal & m dcks into bunkers
2			"	"					
3			"	"					
4	28		"	"		29	44		800 similar weather
5			"	"					
6			"	"					through mod. Wly gales & squally
7			"	"					high x sea pitching laboring and
8	33		"	"		29	44		rolling heavily
9			"	"					
10			"	"					
11			"	"					
12	30		"	"		29	42		

Distance from Rotterdam 763 knots

Time " " 30 15 ^{hr} 41 ^{min}

Dist. per Log 192 4° E Deviation 20° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
West	193 Miles	1 S	193 W	49° 44' N	49° 43' N	300 W	130° 0' W	130° 5' W

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.					
	From	To		From	To	1	2	3	4	5	6
	0	1	Warren	in. night	in. sunrise	inches	in.	in.	in.	in.	in.
	1	3	J. Larsen			2	2	3	0	10	
	3	4	L. Larsen	in. sunset	in. moon	TEMP.	2	2	3	0	
	4	5	Jawson Cookin								
	10	M	O	Run	Time						
	7	8	Passa	74 hr	32 m						
	8	9	L. Larsen								
	9	11	Warren								
	11	12	J. Larsen	Aug 2	7.9						

TANK SOUNDINGS							
F. P.	1	2	3	4	5	6	A. P.
in.	in.	in.	in.	in.	in.	in.	in.

Master.	W. H. Vahfield
Mate.	

Voy 7 Sargo Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Anero- id.	Mercur- ial.	
			N x N 1/2 E	N x N					Saturday Aug 26-16
			"	"					Mod. Gale frequent heavy squalls with rain
			"	"					part cloudy high & treacherous sea running
	26		"	"			29	38	Ship pitching plunging striking heavily
			"	"					labouring and racing badly
			"	"					Crew unable to work coal
	25		"	"			29	40	noon similar weather 1/4 N x N
			"	"					6.00 wind & sea rising wild looking weather
			"	"					
	25		"	"			29	42	8.00 Similar weather ship pounding
			"	"					heavy but speed down
			"	"			29	42	night similar weather
			"	"					
			"	"					
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Distance from Rotterdam 930 Miles
Time " " 40 16 03 min

Dist. per Log 167 4° E Deviation 21° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
186° W	167	12 N	167 W	50° 10 N	49° 55 N	260 W	17° 20 W	17° 25 W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	
	0 1	Passa	night	1 2 3 4 5 6
	1 3	Vismboden	sunrise	inches in. in. in. in. in.
	3 4	Beyer	night	TEMP. 3 2 4 5 2
	4 5	Larsen	night	
	10 11			
	7 8	L. Larsen	Run	TANK SOUNDINGS
	8 9	J. Passa	24 hr 22 m	F. P. 1 2 3 4 5 6 A. P.
	9 11	Beyer		in. in. in. in. in. in. in.
	11 12	A. Larsen	log 2 6.9	

H. A. Hatfield

Master.
Mate.

S. S. Sargo Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Ane-roid.	Mercur-ial.	
1			N ¹ / ₂ N	West					Sunday Aug 27-16
2			"	"					0.35 1/4 N ¹ / ₂ N Slowed down
3			"	"					4.00 Wind & Sea moderating
4	24		"	NW		29	46	8.00	Fresh Breeze & Mod. Sea
5			"	"					fine clear weather
6			"	"				8.30	Full speed
7			"	"					
8	28		"	"		29	60	noon	Light Nly Breeze & Mod. Sea
9			"	"					fine clear weather
10			"	"					
11			"	"					Crew working coal off decks
Mon 37			"	"		29	70		
1			N x N ³ / ₄ N	"				0.20	1/4 N x N ³ / ₄ N
2			"	"					
3			"	"				4.00	Fresh N. W. Breeze & sea
4	37		"	"		29	76		fine clear weather
5			"	"					
6			"	"					
7			"	Nly					Night Light Breeze mod sea
8	38		"	"		29	84		overcast passing rain squalls
9			"	"					
10			"	"					
11			"	"					
12 39			"	"		29	90		
Distance from Rotterdam 1093 Miles									
Time " " 5 16 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000 1010 1020 1030 1040 1050 1060 1070 1080 1090 1100 1110 1120 1130 1140 1150 1160 1170 1180 1190 1200 1210 1220 1230 1240 1250 1260 1270 1280 1290 1300 1310 1320 1330 1340 1350 1360 1370 1380 1390 1400 1410 1420 1430 1440 1450 1460 1470 1480 1490 1500 1510 1520 1530 1540 1550 1560 1570 1580 1590 1600 1610 1620 1630 1640 1650 1660 1670 1680 1690 1700 1710 1720 1730 1740 1750 1760 1770 1780 1790 1800 1810 1820 1830 1840 1850 1860 1870 1880 1890 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000 2010 2020 2030 2040 2050 2060 2070 2080 2090 2100 2110 2120 2130 2140 2150 2160 2170 2180 2190 2200 2210 2220 2230 2240 2250 2260 2270 2280 2290 2300 2310 2320 2330 2340 2350 2360 2370 2380 2390 2400 2410 2420 2430 2440 2450 2460 2470 2480 2490 2500 2510 2520 2530 2540 2550 2560 2570 2580 2590 2600 2610 2620 2630 2640 2650 2660 2670 2680 2690 2700 2710 2720 2730 2740 2750 2760 2770 2780 2790 2800 2810 2820 2830 2840 2850 2860 2870 2880 2890 2900 2910 2920 2930 2940 2950 2960 2970 2980 2990 3000 3010 3020 3030 3040 3050 3060 3070 3080 3090 3100 3110 3120 3130 3140 3150 3160 3170 3180 3190 3200 3210 3220 3230 3240 3250 3260 3270 3280 3290 3300 3310 3320 3330 3340 3350 3360 3370 3380 3390 3400 3410 3420 3430 3440 3450 3460 3470 3480 3490 3500 3510 3520 3530 3540 3550 3560 3570 3580 3590 3600 3610 3620 3630 3640 3650 3660 3670 3680 3690 3700 3710 3720 3730 3740 3750 3760 3770 3780 3790 3800 3810 3820 3830 3840 3850 3860 3870 3880 3890 3900 3910 3920 3930 3940 3950 3960 3970 3980 3990 4000 4010 4020 4030 4040 4050 4060 4070 4080 4090 4100 4110 4120 4130 4140 4150 4160 4170 4180 4190 4200 4210 4220 4230 4240 4250 4260 4270 4280 4290 4300 4310 4320 4330 4340 4350 4360 4370 4380 4390 4400 4410 4420 4430 4440 4450 4460 4470 4480 4490 4500 4510 4520 4530 4540 4550 4560 4570 4580 4590 4600 4610 4620 4630 4640 4650 4660 4670 4680 4690 4700 4710 4720 4730 4740 4750 4760 4770 4780 4790 4800 4810 4820 4830 4840 4850 4860 4870 4880 4890 4900 4910 4920 4930 4940 4950 4960 4970 4980 4990 5000 5010 5020 5030 5040 5050 5060 5070 5080 5090 5100 5110 5120 5130 5140 5150 5160 5170 5180 5190 5200 5210 5220 5230 5240 5250 5260 5270 5280 5290 5300 5310 5320 5330 5340 5350 5360 5370 5380 5390 5400 5410 5420 5430 5440 5450 5460 5470 5480 5490 5500 5510 5520 5530 5540 5550 5560 5570 5580 5590 5600 5610 5620 5630 5640 5650 5660 5670 5680 5690 5700 5710 5720 5730 5740 5750 5760 5770 5780 5790 5800 5810 5820 5830 5840 5850 5860 5870 5880 5890 5900 5910 5920 5930 5940 5950 5960 5970 5980 5990 6000 6010 6020 6030 6040 6050 6060 6070 6080 6090 6100 6110 6120 6130 6140 6150 6160 6170 6180 6190 6200 6210 6220 6230 6240 6250 6260 6270 6280 6290 6300 6310 6320 6330 6340 6350 6360 6370 6380 6390 6400 6410 6420 6430 6440 6450 6460 6470 6480 6490 6500 6510 6520 6530 6540 6550 6560 6570 6580 6590 6600 6610 6620 6630 6640 6650 6660 6670 6680 6690 6700 6710 6720 6730 6740 6750 6760 6770 6780 6790 6800 6810 6820 6830 6840 6850 6860 6870 6880 6890 6900 6910 6920 6930 6940 6950 6960 6970 6980 6990 7000 7010 7020 7030 7040 7050 7060 7070 7080 7090 7100 7110 7120 7130 7140 7150 7160 7170 7180 7190 7200 7210 7220 7230 7240 7250 7260 7270 7280 7290 7300 7310 7320 7330 7340 7350 7360 7370 7380 7390 7400 7410 7420 7430 7440 7450 7460 7470 7480 7490 7500 7510 7520 7530 7540 7550 7560 7570 7580 7590 7600 7610 7620 7630 7640 7650 7660 7670 7680 7690 7700 7710 7720 7730 7740 7750 7760 7770 7780 7790 7800 7810 7820 7830 7840 7850 7860 7870 7880 7890 7900 7910 7920 7930 7940 7950 7960 7970 7980 7990 8000 8010 8020 8030 8040 8050 8060 8070 8080 8090 8100 8110 8120 8130 8140 8150 8160 8170 8180 8190 8200 8210 8220 8230 8240 8250 8260 8270 8280 8290 8300 8310 8320 8330 8340 8350 8360 8370 8380 8390 8400 8410 8420 8430 8440 8450 8460 8470 8480 8490 8500 8510 8520 8530 8540 8550 8560 8570 8580 8590 8600 8610 8620 8630 8640 8650 8660 8670 8680 8690 8700 8710 8720 8730 8740 8750 8760 8770 8780 8790 8800 8810 8820 8830 8840 8850 8860 8870 8880 8890 8900 8910 8920 8930 8940 8950 8960 8970 8980 8990 9000 9010 9020 9030 9040 9050 9060 9070 9080 9090 9100 9110 9120 9130 9140 9150 9160 9170 9180 9190 9200 9210 9220 9230 9240 9250 9260 9270 9280 9290 9300 9310 9320 9330 9340 9350 9360 9370 9380 9390 9400 9410 9420 9430 9440 9450 9460 9470 9480 9490 9500 9510 9520 9530 9540 9550 9560 9570 9580 9590 9600 9610 9620 9630 9640 9650 9660 9670 9680 9690 9700 9710 9720 9730 9740 9750 9760 9770 9780 9790 9800 9810 9820 9830 9840 9850 9860 9870 9880 9890 9900 9910 9920 9930 9940 9950 9960 9970 9980 9990 10000									

Distance from Rotterdam 1093 Miles
Time " " 50 16 20 min

Dist. per Log 163 6° E Deviation 20° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
87° W	163	24 R	160 W	49° 40 N	49° 31 N	250 W	21° 10 W	21° 35 W

Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.
	From To		From To	
	0 1	Warren	night	1 2 3 4 5 6
	1 3	J. Larsen	sunrise	inches in. in. in. in. in.
	3 4	L. Larsen	night	TEMP. 2 2 2 2 2
	4 5		night	
	7 8	Passa	Run	TANK SOUNDINGS
	8 9	Warren	24 hr 17 m	F. P. 1 2 3 4 5 6 A. P.
	9 11	L. Larsen		in. in. in. in. in. in. in.
	11 12	J. Larsen	log 1 6	

H. A. Hatfield

Master.
Mate.

July 27
S. S. Ovego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Ane-roid. Mer-cu-rial.	
1			Var	W				Monday Aug 28-16
2			NW 1/2 W					400 Fresh Nly breeze Mod. sea
3			"					fine clear weather part cloudy
4	36		NW 1/2 W				29 98	800 Strong breeze & sea cloudy
5			"					
6			"					
7			"					
8	40		"				30 00	noon Wind & sea moderate
9			"					Crew cleaning ship
10			"					ca N 1/4 N.
11	43		"				30 06	
12			"					400 Similar weather
13			"					
14	40		"				30 10	500 Stop Engine purposes
15			"					510 Full speed
16			Var					800 Strong breeze & sea cldy & showery
17			"					
18	37		"				30 16	night Light Nly breeze & sea
19			"					cloudy & showery
20			"					
21	37		"				30 17	
22			"					

Distance from Rotterdam 1317 m
Time " " 6 16 hr 42 m

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
58° 10' W	224 m	4 5	224 W	49 25 N	49 29 N	34 5 N	29 50 W	29 20 W
Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.	TANK SOUNDINGS			
	From To		From To	1 2 3 4 5 6	F. P. 1 2 3 4 5 6 A. P.			
	0 1	Passa	Midnight	inches 3 3 2 5 P in.	in. in. in. in. in. in. in.			
	3 4	Beyer	Sunset	TEMP. 3 3 2 4 L.				
	4 5	Larsen	Midnight					
	P M	N	Rain					
	7 8	Warren	Time					
	8 9	Passa	24 hr					
	9 11	Beyer	22 m					
	11 12	Larsen						

Master: H. H. Hatfield
Mate:

S. S. Ovego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Ane-roid. Mer-cu-rial.	
1			N 1/4 N	NW				Tuesday August 29-16
2			"	"				400 Fresh N.W. breeze Mod. sea
3			"	"				rainy & overcast
4	39		"	"			30 14	800 Strong W breeze & Mod sea
5			"	"				fine & covered
6			"	Nly				
7			"	"				noon similar weather cloudy
8	40		"	"			30 16	sky 90 W x N
9			"	"				Crew cleaning ship
10			"	"				
11			"	"				
12	45		N x N	NW			30 14	400 Strong W.S.W. breeze choppy
13			"	"				sea clear and cloudy
14			"	"				
15	41		"	"			30 8	800 Mod. S.W. Gale & rising sea
16			"	"				rainy & threatening
17			"	"				
18			"	Sx				night Blowing whole gale with
19	39		"	"			29 94	heavy squalls & rain
20			"	"				weather threatening, sea
21			"	"				rising fast
22			"	"				
23	31		"	"			29 84	
24			"	"				

Distance from Rotterdam 1555 Miles
Time " " 17 17 hr 04 m

Dist. per Log 239 4° E Deviation 25° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
56° 8' W	238	8 9 N	221 W	49 50 N	49 58 N	33 5 N	33 04 W	32 55 W
Steered by Hand or Steam	ON THE LOOK-OUT	NAMES	SIDE LIGHTS EXHIBITED.	HOLD SOUNDINGS AND TEMPERATURES.	TANK SOUNDINGS			
	From To		From To	1 2 3 4 5 6	F. P. 1 2 3 4 5 6 A. P.			
	0 1	Warren	Midnight	inches 3 2 2 4 P in.	in. in. in. in. in. in. in.			
	3 4	Larsen	Sunset	TEMP. 2 2 2 2 L.				
	4 5	Larsen	Midnight					
	P M	Larsen						
	7 8	Passa	Rain					
	8 9	Larsen	Time					
	9 11	Warren	24 hr					
	11 12	Larsen	32 m					

Master: H. H. Hatfield
Mate:

Vay ^r	
H. R.	K.

400
450
45
5.30
8.0
81

Master.
Mate.

S. S. Cwige Rotterdam to New York

Noon
1
2
3
4
5
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-10
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12 ✓

Master.
Mate.

Voy?

Voy^r S. S. Oswego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Aneroid. Manometer	
1	38		N.S.W. 1/2 N	"				Friday Sept 1-16
2			"	"				0-4 Light N.W. Breeze sea misty & overcast
3			"	"				
4	38		"	"				
5			"	"			30 06	800 Mod. N.W. Breeze sea fine & clear
6			"	"				Part cloudy
7			"	"				
8	36		"	"			30 06	noon Light Breeze sea fine & clear
9			"	"				passing clouds
10			"	"				
11			"	"				Crew painting & cleaning
noon	42		"	"			30 38	
1			"	"				400 Light N.W. Breeze fine & clear
2			"	"				sea smooth
3			"	"				
4	41		"	"			30 30	500 similar weather
5			"	"				
6			"	"				
7			"	"				
8	37		"	"			30 34	m. night - do -
9			"	"				
10			"	"				
11			"	"				
12	37		"	"			30 32	
Dist. from Rotterdam			2229 m					
Time "			18 hr 00 min					

Course	Dist.	Dif. Lat.	Dep.	Dist. per Log		Deviation		Variation	
S 46° W	230'	161' S	165' W	43° 04' N	43° 03' N	229' W	48° 19' W.	49° 03' N	
Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.					
Steered by Hand or Steam		ON THE LOOK-OUT		NAMES		SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.	
		From	To			From	To		
		0	1	Passa		m night	sunrise		
		1	3	Stoodin					
		3	4	Beyer		sunset	m night		
		4	5	J. Larsen					
		P	m						
		7	8	Warren		Rum	Time		
		8	9	Beyer		24 hr	15 min		
		9	11	Passa					
		11	12	Stoodin		avg	9.5	H. H. Harfield	
								Master.	
								Mate.	

S. S. Oswego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Aneroid. Manometer	
1	00		N.S.W. 1/2 N	"				Saturday Sept 2-10
2			"	"				230 Ga 10x N 1/2 N
3			"	"				400 Light Breeze fine & clear sea smooth
4	40		"	"			30 30	4-6 Light Var. airs to calm
5			"	Var				sea smooth sky covered
6			"	"				
7			"	"				800 Mod. S.W. Breeze sea overcast & rainy
8	48		"	SSE			30 26	
9			"	"				9-11 Fresh S.W. Breeze sea overcast & rainy
10			"	Sly				
11			"	"				noon weather clearing up
noon	42		"	S.W.			30 18	000 Ga 10x N
1			"	"				Crew cleaning & painting
2			"	"				400 Fresh Breeze & rising sea
3			"	"				fine with passing clouds
4	38		"	"			30 16	600 Strong W. S. W. Breeze rising sea
5			"	"				part overcast & threatening
6			"	"				
7			"	W.S.W.				800 Strong Breeze & rising sea
8	38		"	"			30 10	fine & overcast
9			"	"				
10			"	"				m night Fresh to mod S.W. Breeze and
11			"	"				mod sea clear passing
12	36		"	"			30 10	
Dist. from Rotterdam			2465 miles		Clouds			
Time "			18 hr 16 min					

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
Var	236'	95 S	195 W	41° 23' N	41° 24' N	263 W	51° 42' W	51° 26' W

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Warren	m night	sunrise	inches	in.	in.	in.	in.	in.		
	1	3	J. Larsen	sunrise	m night	2	2	2	2	P			
	3	4	L. Larsen			TEMP.							
	4	5	N'Gooden			3	2	3	3	S			
						TANK SOUNDINGS							
						F. P.	1	2	3	4	5	6	A. P.
						in.	in.	in.	in.	in.	in.	in.	in.
	P	30		Rum	Time								
	7	8	Passan	24 hr	16 m								
	8	9	L. Larsen										
	9	11	J. Larsen	avg S	9.8								
	11	12	Warren										
						H. H. Harfield						Master.	
												Mate.	

Very

S. S. Oswego Rattensom to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer		REMARKS
							Anero- id.	Mercuri- al.	
									Runway Sept 3-16
1	32		N x N.	SW					0-4 strong S.W. breeze
2			"	"					mod sea heavy rain squalls
3			"	"					437 stopped engine purposes
4	32		"	"			30	00	800 Blowing S.W. gale heavy x sea
5			"	"					uncessant rain
6			"	"					815 full speed proceeded
7			"	"			29	98	noon strong to mod. SW to NW gales
8	5		"	"					heavy x sea squally x rainy
9			"	"					
10			"	"					
11			"	"					
noon	24		"	NN			29	93	1.05 stop for engine purposes
1			N x N	"					leave to leading S. E.
2			"	"					4.00 N.W. gale x high confused sea
3			"	"					ship labouring & rolling heavily
4	8		"	"			30	00	4.22 proceeded full speed.
5			"	"					800 similar weather clearing up to S.W.
6			"	"					
7			"	"					
8	27		"	"			30	14	midnight weather moderated down to fresh
9			"	"					N.W. breeze sea cloudy with
10			"	"					passing showers
11			"	"					
12	20		"	"			30	20	

Course

Dist.

Dif. Lat.

Dep.

Dist. per Log

50 E

Deviation

20 W

Variation

Course	Dist.	Dif. Lat.	Dep.	Dist. per Log		50° E Deviation		20° W Variation					
584° N	166	17 S	164 W	41° 16' N	41° 12' N	217 W	5° 21' W	5° 08' W					
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Passa D'Gooden Beyer J. Larkin	From	To	inches	in.	in.	in.	in.	in.		
	1	3		Midnight	Sunrise	3	3	3	✓	✓			
	3	4		Sunrise	Midnight	TEMP.	3	4	✓	✓			
	4	5											
	6	7	Warren Beyer Passa D'Gooden	Run	Time	TANK SOUNDINGS							
	7	8		14 hrs	14 min	F. P.	1	2	3	4	5	6	A. P.
	8	9				in.	in.	in.	in.	in.	in.	in.	in.
	9	11											
	11	12		Any D.	8-	A. A. Harfield						Master.	
												Mate.	

S. J. Owego Letterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther	Barometer		REMARKS
							Anceroid.	Mercurial.	
1			N N W	N W					Monday Sept 4 - 16
2			"	"					0-4 Strong N. N. Breeze & Mod sea
3			"	"					fine & clear passing clouds
4	32		"	"		30	22		800 Fresh N. W. Breeze fine & cloudy
5			"	"					high sea, ship rolling, labouring
6			"	"					& straining heavily
7			"	"					ca W x N 1/2 N
8	25		"	"		30	26		978 Stop engine purposes.
9			N x N 1/2 N	"					950 A head full
10			"	N x N					1020 Stop engine purposes
11			"	"					1078 A head full
noon	24		"	"		30	32		1110 Stop engine
1			"	"					1125 Full ahead
2			"	"					noon Fine clear weather light
3			"	"					N. N. N Breeze mod. sea
4	36		"	"		30	32		800 Similar weather
5			"	"					
6			"	"					
7			"	"					
8	32		"	"		30	33		on right similar weather
9			"	"					
10			"	"					
11			"	"					
12	30		"	"		30	30		
Dist from Rotterdam							2765 M		
Time "							13 1/2 hr 42 m		
							Dist. per Log		E 5° Deviation
									20° W Variation

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.
West	134	0	132 W	41° 15' N	41° 12' N	177 W	58° 20' W	58° 20' W

Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Warren	m night	sunrise	inches	in.	in.	in.	in.	in.		
	1	3	J Larsen			3	2	2	6	9			
	3	4	L Larsen	sunrise	m night	TEMP.	3	3	4	1			
	4	5	D Gooden										
	P	M											
	7	8	Warren	Run	Time	F. P.	1	2	3	4	5	6	A. P.
	8	9	L Larsen	70	70	in.	in.	in.	in.	in.	in.	in.	in.
	9	11	J Warren										
	11	14	J Larsen	Avg D.	6.6								

Master

Mate.

H. W. Darfield

104

104
S. S. Oswego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Anero- id.	Mer- curial.
1			NxN ¹ 2 N	Wly				
2			"	"				
3			"	"				
4	28		"	"			30	76
5			"	"				
6			"	SW				
7			"	"				
8	29		"	"			30	20
9			"	"				
10			"	"				
11			"	"				
noon	30		"	"			30	18
1			"	"				
2			"	"				
3			"	"				
4	32		"	"			30	12
5			"	Wly				
6			"	"				
7			"	Wly				
8	34		"	"			30	10
9			"	NE				
10			"	"				
11			"	"				
12	36		"	ENE			30	12

Course	Dist.	Dif. Lat.	Dep.	Dist. per Log	65°	Deviation	20° W	Variation					
N 88° W	19.5 M	07 N	19.5	41° 20' N	41° 19' N	259 W	62° 39' W	62° 19' W					
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
	From	To		From	To	1	2	3	4	5	6		
	0	1	Passa			inches	in.	in.	in.	in.	in.		
	1	3	D'Gooden	in night	surise	3	3	✓	✓	P			
	3	4	Beyer	in mist	in night	TEMP.	✓	✓	3	3	P.		
	4	5	J. Larsen										
	P	M		Run	Time	TANK SOUNDINGS							
	7	8	Warren	24	03	F. P.	1	2	3	4	5	6	A. P.
	8	9	Beyer	stop	14 min	in.	in.	in.	in.	in.	in.	in.	in.
	9	11	Passa										
	11	12	D'Gooden	Arg D.	8.1	H. H. H. Attfield							
						Master.							
						Mate.							

S. S. Oswego from Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Anero- id.	Mer- curial.
1			NxN	NE				
2			"	"				
3			"	"				
4	36		"	Ely			30	14
5			"	"				
6			"	"				
7			N 1/2 N	"			30	16
8	36		"	"				
9			"	"				
10			"	SEly				
11			"	"				
noon	43		N 1/4 S.	"			20	14
1			"	"				
2			"	"				
3			"	"			30	10
4	37		"	"				
5			"	"				
6			"	"				
7			"	"				
8	40		"	"			30	10
9			"	"				
10			"	Var				
11			"	"				
12	38		"	"			30	10

Course	Dist.	Dif. Lat.	Dep.	Lat. by Acct.	Lat. by Ob.	Dif. Lon.	Lon. by Acct.	Lon. by Ob.					
188° W	20.9	6' S	20.9 W	41° 9' N	41° 13' N	277 W	67° 16' W	66° 56' W					
Steered by Hand or Steam	ON THE LOOK-OUT		NAMES	SIDE LIGHTS EXHIBITED.		HOLD SOUNDINGS AND TEMPERATURES.							
						1	2	3	4	5	6		
	From	To		From	To	inches	in.	in.	in.	in.	in.		
	0	1		m night	source	2	3	2	4	P			
	1	3		smoke	m night	TEMP.							
	3	4				4	2	2	3	2			
	4	5				TANK SOUNDINGS							
						F. P.	1	2	3	4	5	6	A. P.
	P	M.			Run	Time	in.	in.	in.	in.	in.	in.	in.
	7	8			24 ^{hr}	18 ^{min}							
	8	9											
	9	11											
11	12												
										</			

Master.
Mate.

Var

S. S. Oswego Rotterdam to New York

H. R.	K.	F.	COURSES	WINDS	Lee-way	Ther.	Barometer	REMARKS
							Anero- id.	Mercur- ial.
1			N 3/4 S	SW				
2			West	"				
3			N 1/2 N	"				
4			"	"				
5			"	"				
6			"	"				
7			"	"				
8			"	Nly				
9			"	"				
10			"	"				
11			"	"				
12			"	Var				
13			"	"				
14			W SW	SW				
15			"	"				
16			West	"				
17			"	Sly				
18			W 1/2 S	"				
19			"	"				
20			"	"				
21			"	"				
22			"	"				
23			"	"				
24			"	"				
25			"	"				
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